

In the Claims:

- 1 1. (Currently amended) A lithium primary battery comprising a
2 positive electrode, a negative electrode, and a non-aqueous
3 electrolyte, wherein manganese dioxide containing 0.1 to
4 3 % by weight of boron is used as said positive
5 electrode and electrode, a lithium alloy containing 0.05 to
6 2 % by weight of aluminum is used as said negative
7 electrode, electrode, and said positive electrode consists
8 essentially of said manganese dioxide, said boron, and
9 carbon.
- 1 2. (Previously presented) The lithium primary battery
2 according to claim 1, wherein said boron is added to
3 manganese dioxide by adding boric acid.
- 1 3. (Previously presented) The lithium primary battery
2 according to claim 1, wherein the positive electrode is
3 produced by heat treatment of manganese dioxide after
4 addition of boron at a temperature ranging from 350 to
5 430°C.

Claims 4 to 11 (Canceled).

- 1 12. (Previously presented) The lithium primary battery
2 according to claim 1, wherein said positive electrode does
3 not contain lithium.

Claims 13 to 15 (Canceled).

- 1 16. (Previously presented) The lithium primary battery
2 according to claim 1, wherein said manganese dioxide does
3 not contain lithium.
- 1 17. (Currently amended) A lithium primary battery comprising:
2 a positive electrode comprising consisting essentially
3 of manganese dioxide, carbon, and 0.1 to 3 weight percent
4 of boron;
5 a negative electrode comprising a lithium alloy
6 containing lithium and 0.05 to 2 weight percent of
7 aluminum; and
8 a non-aqueous electrolyte.

[RESPONSE CONTINUES ON NEXT PAGE]